



Department of Public Works

Ghassan Korban
Commissioner of Public Works

Preston D. Cole
Director of Operations

September 25, 2015

Official Notice No. 117-2015
Addendum No. 2

NOTICE TO ALL CONTRACTORS intending to bid on Official Notice No. 117, which appeared in the Daily Reporter and on the Milwaukee Public Works website on September 15, 2015, with a Bid Opening date of Tuesday, September 29, 2015 at 10:30 A.M.

This addendum is issued to **Notify Contractors of changes to the construction documents which include clarifications to the bid documents and special provisions, revised plan sheets, and a revised special provision article.**

Contract Clarifications

1. The contractor shall provide sufficient resources and manpower to open and close North Cass Street by moving barricades, placing additional signs, or completing other work necessary to maintain access to the US Bank drive-thru during the time period beginning at 6:00 AM and ending at 6:00 PM during all business days until North Cass Street is reopened to two lanes of traffic. The drive-thru shall remain open during these hours and include days when no contract work is performed and also during periods of inclement weather. If the contractor fails to either open or close North Cass for any one day, a per diem charge of \$250.00 will be deducted per day from monies due to the contractor as part of this contract.
2. The contractor shall provide and place 3-Inch epoxy coated Slab Bolster's between all Concrete Sidewalk Base 5-Inch and Concrete Sidewalk 3-Inch Colored Gray. Slab Bolster, as manufactured by Dayton Superior Corporation, 1125 Byers Road, Miamisburg, OH 45342 or approved equal, shall be spaced 9 inches from the edge of curb, sidewalk or building joint, and every 18 inches thereafter, in all concrete base. Place Slab Bolster as directed by the engineer and allow for a 1.5 inch embedment within the area of the Concrete Sidewalk 3-Inch Colored Gray. Slab Bolster, or approved equal, shall be included in the cost of Item SPV.0165.04, Concrete Sidewalk Base 5-Inch and no additional payment will be made.
3. All bond breaker, as shown on the plans and in the contract documents, and as required for expansion joints shall consist of a minimum ¾-inch Flex/Foam Expansion Joint with a pre-scored removable strip to provide a uniform sealing reservoir in the joint to be filled with an approved epoxy joint sealant, unless otherwise noted or approved by the engineer in the field. Flex/Foam Expansion Joint, as manufactured by Right Pointe Company, 234 Harverstore Drive, Dekalb, IL 60115 or approved equal, shall be placed at all expansion joint locations and shall match the depth of the abutting concrete surface. Seal all expansion joints with an approved epoxy joint sealer as approved



by the engineer and in accordance with the manufactures recommendations. All bond breaker materials including expansion joint material and epoxy shall be incidental to other concrete items and no additional payment will be made.

Special Provisions

The following special provisions are revised:

Article 21 Cored Hole 5-Inch Diameter, Item SPV.0060.23

Plans

The following plan sheets are attached and made part of the plans for this proposal:

Replace Plan Sheet 10 with Plan Sheet 10A

Replace Plan Sheet 13A with Plan Sheet 13B

Note: The contractor shall acknowledge receipt of Addendum No. 2 on page titled "ACKNOWLEDGEMENT PAGE" of the bid document.



Michael Loughran, P.E.
Public Works Coordination Manager

21. Cored Hole 5-Inch Diameter, Item SPV.0060.23

A Description

This special provision describes coring a 5-Inch diameter opening through a 30-Inch concrete slurry wall structure and an 8-Inch concrete masonry unit (CMU) facing wall, installing new conduit into a building at the location shown on the plans, and repair and restoration of all disturbed areas resulting from the work, as shown in the detail and on the plans. The contractor shall verify existing conduit coring location with the engineer. Repair and restoration of all disturbed areas resulting from the work shall be in accordance with the pertinent provisions of the standard specifications, and as hereinafter provided.

B Materials

B.1 Conduit

Provided and paid for under other items in this contract. All materials shall conform to the pertinent provisions of the standard specifications unless otherwise noted.

B.2 Restoration Materials

B.2.1 Submittals

Submit all product data sheets and specifications to the engineer for approval prior to procuring materials for restoration work.

C. Construction

C.1 General

C.1.1 Notifications

Provide the engineer and US Bank a schedule for completing all work associated with this item of work for approval. All work shall be coordinated with the engineer and US Bank and work shall be scheduled during US Bank non-business hours to prevent disruption to operations unless approved by the engineer in writing.

Schedule a walk through with US Bank a minimum of five (5) business days prior to commencing work and providing a protection plan to examine site conditions. Notify any utilities located near the proposed core site of work that will be performed.

Contact Darrel Heckman at (414) 765-4547 to schedule walk through.

C.1.2 Submittals

Submit an infrastructure protection plan to the engineer for approval at least five (5) business days prior to scheduling work. The infrastructure protection plan shall document all utilities located near the exterior and interior walls of the proposed core location, include a list of equipment that will be used for this item, list of all materials to be used to protect all external and internal infrastructure, a sequence of operations for placing and removing all protection materials, and drawings dimensioning existing facilities with respect to the proposed core location and location of equipment.

C.2 Coring

C.2.1 Surface Area Preparation

Clean the surface areas, adjacent to the core location on the street side of slurry wall, of all dirt or other foreign matter. Place protection on inner CMU wall to contain and collect all coring debris from damaging building facilities hanging on CMU wall below coring entry location.

C.2.2 Surface Location of Slurry Wall Steel Reinforcement

Contractor shall surface scan for steel reinforcement and mark vertical and horizontal rebar locations around core site. Rebar schedule is #9 vertical and #6 horizontal @ 12" O/C. Core location shall be centered in nearest window between rebar as directed by the engineer.

C.2.3 Coring

Install anchor points in outer slurry wall, mount coring rig and core through 30" slurry wall and CMU facing wall into building basement.

C.2.4 Finishing and Clean-Up

When coring is complete, remove all coring debris and vacuum off any debris on building facilities hung on wall below core location.

C.3 Install Existing Conduit

Use cored entry point in building to place existing conduit through cored hole.

C.4 Repair and Restoration

Fill void area between the cored hole and conduit with an engineer-approved filling material to protect against conduit movement and entry of fill material into the structure using one of the two following methods:

1. Fill void area with an epoxy mortar consisting of one part epoxy injection resin to four parts clean, dry, bagged fine aggregate mixed by volume. Match fill to the surrounding surface.
2. Fill void area with an epoxy mortar consisting of one part epoxy gel resin to one part clean, dry, bagged fine aggregate mixed by volume. Match fill to the surrounding surface.

Terminate the duct on the inside wall of the building. Install a standard end bell on the duct. Extend pull rope two feet past the inside wall of the building, tuck rope into conduit opening and place 4" plug.

All disturbed areas shall be repaired and restored in kind.

D Measurement

The department will measure Cored Hole 5-Inch Diameter as each individual cored hole as approved by the engineer and acceptably completed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.23	Cored Hole 5-Inch Diameter	Each

Payment is full compensation for meetings, preparation and protection, locating, coring, inspection, any cleaning, repair and restoration, and for furnishing and installing all materials, and for furnishing all labor, tools, equipment, and incidentals necessary to complete the contract work.